

<b>INFORMATION DISCLOSURE CITATION</b>  PTO-1449				ATTORNEY'S DKT NO. 23522-0813		APPLICATION NO. 09/467,317	
				APPLICANT Randolph J. Noelle		NOV 6 8 2000	
				FILING DATE December 20, 1999		GROUP 1644 TECH CENTER 1600/2000	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
M	5,474,771	Dec 1995	Lederman	424	133.1		
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No	
	0555880	Aug 1993	Europe				
	0585943	Mar 1994	Europe				
	WO93/08207	Apr 1993	International				
	WO93/09812	May 1993	International				
	WO94/04570	Mar 1994	International				
	0173494	Mar 1986	Europe				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Markees et al. <i>Transplant Proc.</i> 28:814-815 (1996).						
	Gerritse et al. <i>PNAS</i> 93:2499-2504 (1996).						
	Tisch et al. <i>PNAS</i> 91:437-438 (1994).						
	Sharkey et al. <i>Cancer Res (Suppl)</i> 55:5935s-5945s (1995) p. 5935s.						
	Larsen et al. <i>Transplantation</i> 61:4-9 (1996).						
	Rossini et al. <i>Cell Transplantation</i> 5:49-52 (1996).						
	Bhata et al. 9 <sup>th</sup> Intl. Congress of Immunology San Francisco, CA, USA (1995) p. 311						
	Pulito et al. <i>J. Immunol.</i> 156:2840-2850 (1996) p. 2840.						
	Monaco <i>Immunomethods</i> 2:159-170 (1993).						
	Wee et al. <i>Transplantation</i> 58:261-264 (1994).						
	Paul Ed. <i>Fundamental Immunology</i> Raven Press (1993) p. 242.						
	Marshall et al. <i>J. Clin Immunology</i> 13(3):165-173 (1993).						
	Durie, F. et al. "Allogeneic Tolerance Induced by Treatment with an Antibody to the Ligand for CD40: <i>FASEB Journal</i> , Abstracts Part 1, AB. No. 2763, Vol. 8, No. 4, pp. a477 (1994).						
	Clark and Ledbetter (1994) "How B and T cells talk to each other" <i>Nature</i> , Vol. 367, pp. 425-428.						
	Aruffo et al. "The CD40 ligand, gp39, is defective in activated T cells from patients with X-Linked Hyper-IgM Syndrome" <i>Cell</i> , Vol. 72 (1993) pp. 291-300.						
	Korthäuer et al. "Defective expression of T cell CD40 ligand causes X-linked immunodeficiency with hyper-IgM" <i>Nature</i> , Vol. 361 (1993) pp. 539-541.						
M	DiSanto et al. "CD40 ligand mutations in X-linked immunodeficiency with hyper-IgM" <i>Nature</i> , Vol. 361 (1993) pp. 541-543.						
EXAMINER				DATE CONSIDERED			
Gambel 3/23/01							

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# INFORMATION DISCLOSURE CITATION

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1644

U.S. PATENT DOCUMENTS

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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

me	Allen et al. "CD40 ligand gene defects responsible for X-linked Hyper-IgM Syndrome" <i>Science</i> , Vol. 259 (1993) pp. 990-993.
	Ranheim et al. "Activated T cells induce expression of B7/BB1 on normal or leukemic B cells through a CD40-dependent signal" <i>Journal of Experimental Medicine</i> , Vol. 177 (1993) pp. 925-935.
	Foy et al. "In Vivo CD40-gp39 Interactions are essential for Thymus-dependent Humoral Immunity. IL Prolonged suppression of the Humoral Immune Response by an antibody to the ligand for CD40, gp39" <i>Journal of Experimental Medicine</i> , Vol. 178 (1993) pp. 1567-1575.
	Lin et al. "Long-Term Acceptance of Major Histocompatibility Complex Mismatched Cardiac Allografts Induced by CTLA41g Plus Donor-specific Transfusion" <i>Journal of Experimental Medicine</i> , Vol. 178 (1993) pp. 1801-1806.
	Harris "Therapeutic antibodies - the coming of age" <i>TIBTECH</i> , Vol. 11 (1993) pp. 42-44.
	Noelle et al. "CD40 and its ligand, an essential ligand-receptor pair for thymus-dependent B-cell activation" <i>Immunology Today</i> , Vol. 13 (1992) pp. 431-433.
	Noelle et al. "A 39-kDa protein on activated helper T cells binds CD40 and transduces the signal for cognate activation of B cells" <i>Proceedings of the National Academy of Sciences</i> , Vol. 89 (1992) pp. 6550-6554.
	Hollenbaugh et al. "The human T cell antigen gp39, a member of the TNF gene family, is a ligand for the CD40 receptor: expression of a soluble form of gp39 with B cell co-stimulatory activity" <i>EMBO Journal</i> , Vol. 11, No. 12 (1992) pp. 4313-4321.
	Armitage et al. "Molecular and biological characterization of a murine ligand for CD40" <i>Nature</i> , Vol. 357 (1992) pp. 80-82.
	Lane et al. "Activated human T cells express a ligand for the human B cell-associated CD40 which participates in T-cell-dependent activation of B lymphocytes" <i>European Journal of Immunology</i> , Vol. 22 (1992) pp. 2573-2578.
me	Lederman et al. "Identification of a novel surface protein on activated CD4 <sup>+</sup> T cells that induces contact-dependent B cell differentiation (Help)" <i>Journal of Experimental Medicine</i> , Vol. 175 (1992) pp. 1091-1101.

EXAMINER

GAMBEL 3/23/01

DATE CONSIDERED

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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
M	Spriggs et al. "Recombinant Human CD40 ligand stimulates B cell proliferation and Immunoglobulin E secretion" <i>Journal of Experimental Medicine</i> , Vol. 176 (1992) pp. 1543-1550.						
	Lederman et al. "Molecular interactions mediating T-B lymphocyte collaboration in human lymphoid follicles" <i>Journal of Immunology</i> , Vol. 149, No. 12 (1992) pp. 3817-3826.						
	Fanslow et al. "Soluble forms of CD40 inhibit biological responses of human B cells" <i>Journal of Immunology</i> , Vol. 149, No. 2 (1992) pp. 655-660.						
	Eynon and Parker "Small B Cells as Antigen-presenting Cells in the Induction of Tolerance to Soluble Protein Antigen" <i>Journal of Experimental Medicine</i> , Vol. 175 (1992) pp. 131-138.						
	Linsley et al. "Immunosuppression in Vivo by a Soluble Form of the CTLA-4 T Cell Activation Molecule" <i>Science</i> , Vol. 257 (1992) pp. 792-795.						
	Lenschow et al. "Long-term Survival of Xenogeneic Pancreatic Islet Grafts Induced by CTLA41g" <i>Science</i> , Vol. 257 (1992) pp. 798-790.						
	Turka et al. "T-cell activation by the CD28 ligand B7 is required for cardiac allograft rejection in vivo" <i>Proceedings of the National Academy of Sciences</i> , Vol. 89 (1992) pp. 11102-11105.						
	Waldmann "Immune Receptors: Targets for Therapy of Leukemia/Lymphoma, Autoimmune Diseases and for the Prevention of Allograft Rejection" <i>Annu. Rev. Immunol.</i> , Vol. 10 (1992) pp. 675-704.						
	Noelle and Snow "T helper cells" <i>Current Opinion in Immunology</i> , Vol. 4, pp. 333-337.						
	Yellin et al. "A human CD4-T cell Leukemia subclone with contact-dependent helper function" <i>Journal of Immunology</i> , Vol. 147 (1991) pp. 3389-3395.						
M	Waldmann et al. "Monoclonal antibodies in diagnosis and therapy" <i>Science</i> , Vol. 52 (1991) pp. 1657-1662.						
EXAMINER				DATE CONSIDERED			
GAMGEL 3/23/01							

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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MB	Bartlett et al. "Cognate interactions between helper T cells and B cells" <i>Journal of Immunology</i> , Vol. 45, No. 12 (1990) pp. 3956-3962.
	Hodgkin et al. "Separation of events mediating B cell proliferation and Ig production by using T cell membranes and lymphokines" <i>Journal of Immunology</i> , Vol. 145, No. 7 (1990) pp. 2025-2034.
	Aruffo et al. "CD44 Is the Principal Cell Surface Receptor for Hyaluronate" <i>Cell</i> , Vol. 61 (1990) pp. 1303-1313.
	Stamenkovic et al. "a B-lymphocyte activation molecule related to the nerve growth factor receptor and induced by cytokines in carcinomas" <i>EMBO Journal</i> , Vol. 8, No. 5 (1989) pp. 1403-1410.
	Paulie et al. "The human B Lymphocyte and Carcinoma Antigen, CDw40, is a Phosphoprotein involved in growth signal transduction" <i>Journal of Immunology</i> , Vol. 142 (1989) pp. 590-595
	Sharabi et al. "Mixed chimerism and permanent specific transplantation tolerance induced by a nonlethal preparative regimen" <i>Journal of Experimental Medicine</i> , Vol. 169 (1989) pp. 493-502.
	Dillman "Monoclonal antibodies for treating Cancer" <i>Annals of Internal Medicine</i> , Vol. 111, No. 7 (1989), pp. 592-603.
	Waldmann "Manipulation of T cell responses with monoclonal antibodies" <i>Annu. Rev. Immunol.</i> , Vol. 7 (1989) pp. 4-7-444.
	Cobbold et al. "Monoclonal antibodies to promote marrow engraftment and tissue graft tolerance" <i>Nature</i> , Vol. 323 (1986) pp. 164-166.
	Franco et al., <i>Eur. J. Immunol</i> , Vol. 24:4 (Apr. 1994) pp. 940-946.
	Durie et al., <i>Science</i> , Vol. 261:5126 (1993) pp. 1328-1330
EXAMINER	DATE CONSIDERED

Gambor 3/23/01

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## FOREIGN PATENT DOCUMENTS

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						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

16	Mohan et al., <i>FASEB Journal</i> , Vol. 8 (4-5) (Apr. 24-28, 1994) pp. A967
	Durie et al., <i>Clinical Immunopathol.</i> , Vol. 73(1) (Oct. 1994) pp. 11-18.
	Laman et al., <i>Journal of Neuroimmunology</i> , Vol. 54 (1-2) (Oct. 23-27, 1994) pp. 5.
	Harris et al., <i>Tibtech</i> , Vol. 11 (1993) pp. 42-44.
	Queen et al., <i>Proc. Natl. Acad. Sci.</i> , Vol. 86 (1989) pp. 10029-10033.
	Vietta et al., <i>Immunol. Rev.</i> , Vol. 99 (1987) pp. 193-239.
	Bartlett et al., <i>J. Immunol.</i> , Vol. 143 (1989) pp. 1745-1754.
	Hodgkin et al., <i>J. Immunol.</i> , Vol. 145 (1990) pp. 2025-2034.
	Noelle et al., <i>J. Immunol.</i> , Vol. 146 (1991) pp. 1118-1124.
	Bartlett et al., <i>J. Immunol.</i> , Vol. 145 (1990) pp. 3956-3962.
	Stamenkovic et al., <i>EMBO J.</i> , Vol. 8 (1989) pp. 1403-1410.
	Aruffo et al., <i>Cell</i> , Vol. 61 (1990) pp. 1303-1313.
	<i>Nature</i> , Vol. 256 (1975) pp. 495-497.
	Kozbar et al., <i>Immunology Today</i> , Vol. 4 (1983) pp. 72.
	Cole et al. "Monoclonal Antibodies and Cancer Therapy" Alan R. Liss, Inc., (1985) pp. 77-96.
	Morrison et al., <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 81 (1984) pp. 6851-6855.
	Kurt-Jones et al., <i>J. Exp. Med.</i> , Vol. 166 (1987) pp. 1774-1787.
	Defranco et al., <i>J. Exp. Med.</i> , Vol. 155 (1982) pp. 1523.
	Leo et al., <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 84 (1987) pp. 1374-1378.
	Wilde et al., <i>J. Immunol.</i> , Vol. 131 (1983) pp. 2178-2183.
17	Prieto et al., <i>Eur. J. Immunol.</i> , Vol. 19 (1989) pp. 1551-1557.

EXAMINER

GAMBER 3/23/01

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